

# MGS PROJECTS 2019

Leitner and friends



# Coso Long-Term Study

- Planning for Mar 21-28 this year
- A few volunteers still needed
- Hoping for good results at both grids
- 2017-18 winter rain adequate for reproduction
- Started in 1988, so >30 yrs (just a few years missing!)



# BLM Core Areas

- Trap 4 grids in Little Dixie Wash in early April
- Reproduction there last year so expecting more MGS
- Trap 3 grids in Coolgardie Mesa in late April-early May
- No reproduction last year so expectations are low.
- This is the last year for this part of the BLM project





# BLM Contact Zone

- Some evidence of MGS expanding east in 2018
- But no reproduction last year, so expectations low
- Camera trapping E of Harper Lake Rd again
- Live trapping at several sites
- Hope to get genetic data for previous years from Dr. Matocq's lab soon



# BLM Development Focus Areas

- Surveys in 3 DFAs – both live-trapping and cameras
- Bowling Alley -- 4 trapping grids and 4 camera sites
- Searles – 3 trapping grids and 4 camera sites
- Haiwee – 1 trapping grid and 1 camera site
- In 2018, lots of MGS at Bowling Alley and Haiwee
- 2019 will be last year of live trapping in Bowling Alley and Haiwee



# Edwards Air Force Base

- Live trapping at 6 locations on eastern side of EAFB
- Objective – look for evidence of RTGS encroachment from the east
- Trapping to be done in May to (hopefully) increase sample size from juvenile recruitment
- Genetic analysis of tissue samples at Dr. Matocq's lab





# Surveys in all 4 core areas in 2019

- In addition, China Lake camera survey on South Ranges for first time ever
- What are the remaining priorities / unanswered questions?
- What about volunteer trapping?
- Important unexplored areas on public lands?